BRUHAT BANGALORE MAHANAGARA PALIKE

YELAHANKA ZONE

Name of Work: Detailed Estimate for the work of Emergency works in ward no - 03. | **Estimate Cost Rs.** | **1500000.00**

Sl No	Description of item	Unit	No	L	B	D	Qty	Rate	Amount
1	Excavation and removal of silt or silt mixed with sand in slussy condition from canal bed including disposing off the same in spoil bankor on the canal embankment in layers as directed etc., complete withinitial lead upto 50 m and all lifts. MISR 2014-15 Page No 131 item No 51	cum							
	ward 3 main and cross roads and surrounding areas		1	500.00	0.60	0.60	180.00		
			1	200.00	0.60	0.60	72.00		
			2	500.00	0.60	0.60	360.00		
			1	400.00	0.60	0.60	144.00		
			1	600.00	0.60	0.60	216.00		
	As per Rate Analysis	147.00					972.00	147.00	142884.00
2	KSRRB 300-1,Earth work excavation by manual means in ordinary soil involving an average horizontal throw up to 2 meters and an average lift uo to 1.5m,excavated surface levelled and sides neatly dresssed, the disposed earth to be levelled neatly after breaking of clods complete as per specifications (Item no19.1,Page no143, PWD SR 2018-19)	cum							
	culvert		3	6.00	1.50	1.00	27.00		
							27.00	137.80	3721.00
	Basic Rate	130.00							
	Area Weightage 6%	7.80							
	Grand Total	137.80							
3	KSRB 100-1 Loading and unloading ofstone aggregates / sand/ kanker/ Moorum /soil KSRRB M100-1 Placing tipper at loading with front end loader dumpting turning for return trip excluding time for haulged and return trip complete as per specification item No 17.1 page 130 and KSRB M.100.4.1 costof haulage excluding loading and unloading MORTH to a distance of 4.00 K.M (Item No 17.4 Page 136 (SR 2018-19)	cum							
			Vide Item No. 1+2				999.00	87.56	87468.00

Sl No	Description of item	Unit	No	L	B	D	Qty	Rate	Amount
	Basic Rate for loading and unloading	57.00							
	Basic Rate for Haulage upto 8.00 k.m =1.28 X 2.50 X 8	25.60							
	Basic Rate	82.60							
	Area Weightage 6%	4.96							
	Grand Total	87.56							
4	KSRB 4-1.3: Providing and laying in position plain cement concrete of mix 1:4:8 with OPC cement @ 180kgs, with 40mm and down size graded granite metal coarse aggregates @ 0.85cum and fine aggregates @ 0.57cum machine mixed, concrete laid in layers not exceeding 15 cms. thick, well compacted, in foundation and plinth, including cost of all materials, labour, HOM of machinery, curing complete as per specifications.Specification No.KBS	**Cum**							
	Approch RCC drain								
			2	10.00	1.00	0.15	3.00		
	culvert		3	6.00	1.50	0.15	4.05		
	approach	3x2	6	6.00	1.00	0.15	5.40		
							12.45	**5408.12**	**67331.00**
	Basic Rate	5102.00							
	Area Weightage 6%	306.12							
	Grand Total	5408.12							
5	Providing and laying Plain /reinforced cement concrete for side drains wall and bottom thickness 15cm using M20 nominal mix concrete with OPC cement at 300kg with 20mm and down size granite metal coarse aggregate at 0.69 cum and fine aggregate at 0.43 cum machine mixed well compacted for walls at bottom including centring shuttering cost of materials HOM of machineries curing etc.completeexcluding cost of steel as per MORTH specification No.1500,1700,2200 Page No 271 Ite mo 37.59.2 SR 2018-19	**Cum**							
	for RCC drains bed		2	10.00	0.90	0.15	2.70		
		3x2	6	6.00	1.00	0.15	5.40		
	culvert approach		3	6.00	1.20	0.30	6.48		
	culvert								
		2x2	4	10.00	0.15	0.75	4.50		
	Side walls	3x2	6	6.00	0.30	0.90	9.72		
	culvert						**28.80**	**7070.20**	**203622.00**
	Basic Rate	6670.00							

Sl No	Description of item	Unit	No	L	B	D	Qty	Rate	Amount
	Area Weightage 6%	400.20							
	Grand Total	7070.20							
6	KSRB 4.9.2:providing T.M.T steel reinforcement for R.C.C work including straightening, cutting, bending, hooking, placing in position, lapping and / or welding wherever required, tying with binding wire and anchoring to the adjoining members wherever necessary complete as per design (laps, hooks and wastage shall not be measured and paid) cost pf materials, labour, HOM of machinery complete as per specifications. Specification No. TMT bars Fe 500 KBS 4.6.3 Page No. 18/ Item No. 4.46/ PWD SR 2018-19	Tonne							
	for RCC drain 60 kg/cum		0.060	12.60			0.76		
	for culvert 75 kg/cum		0.075	16.20			1.22		
				28.80			**1.97**	**75223.96**	**148266.00**
	Basic Rate	70966.00							
	Area Weightage 6%	4257.96							
	Grand Total	75223.96							
7	RCC Precast covering slab for drain (10cm thick)	sqm							
			2	10.00	0.75		15.00		
	missing slabs		1	40.00	0.75		30.00		
							45.00	**2100.00**	**94500.00**
	Rate Approved by BBMP	**2100.00**							
8	Providing precast slab of **250 mm thick including cost of all** materials, labour, curing,transportation,loading ,unloading,etc.,complete as per the direction of engineer in charge-	sqm							
		3	10	1.20	0.60		21.60		
							21.60	**5111.00**	**110397.60**
	Data Rate	5111.00							
9	Providing and fixing Pre cast solid concrete kerb stones made out of CC 1:2:4 of size 450x200x400 mm and finished with CM 1:3 plastering and finishing cutting etc., complete. Page No. 27/ Item No. 5.29/ PWD SR 2018-19	Nos							
			1	200.00			**200.00**		
							200.00		
					0.45		**444.44**		
							444.00	**477.00**	**211788.00**
	Basic Rate	450.00							
	Area Weightage 6%	27.00							
	Grand Total	477.00							

Sl No	Description of item	Unit	No	L	B	D	Qty	Rate	Amount
	Engaging on Hire Basis JCB including Driver/operator with fuel etc complete (SR 2018-19) Page No XLVIII code 1031) Sl No 23	Day							
			1	4			4		
	Basic Rate	5695.00					4	5695.00	22780.00
11	Engaging on Hire basis of Tractor 50 HP for Conveying of excavated and removal of Stuff from work spot (SR 2018-19) Page No XLVIII code 1024) Sl No 23	Day							
	1 Nos x 40 days(for emergency)		1	40			40		
	Basic Rate	2512.00					40	2512.00	100480.00
12	Labour charges to Unskilled Mazdoor Heavy (Page no .LIV)SR 2018-18 sl No 5	Day							
	8 Nos x 40 days(for emergency)		8	40			320.00		
	Basic Rate	446.20					320.00	446.20	142784.00
							Sub Total		1336021.60
13	GST of 12% as per Govt Letter No PWD 65 RDF 2017 Dated 11-10-2018.								160322.59
14	Miscellaneous charges								3655.81
								Total	1500000.00
	(Rupees Fifteen Lakhs Only)								

CERTIFICATE

1 The work spot has been inspected and the work is found necessary.
2 This estimate is prepared as per C.S.R. of 2018-19
3 The provisions were made in this estimate are necessary and adequate.
4 This works come under B.B.M.P. limits.

Assistant Engineer
15/11/2018

Assistant Executive Engineer
Yelahanka satellitetown Sub Division
Bangalore-64

Executive Engineer
Yelahanka Division
Bangalore-64

Administrative Approval

Accorded For RSIS: Valachemly
Head of A/C. P1771
CER NO AE/SS/K:15 Dt. 29.11.2016

TA CE (YNK)

Technical Administrative Sanction for Rs. 15.00 lacks
Fifteen Lakhs only
is accorded under head P-1771-2017-18-
Registered as CE No. ..... Subject to conditions contained in enclosed memo No. EE/YNK/TS/121/18-19 Dt. 30-11-18

Executive Engineer